

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Yingfu Li, Dundas et al. Art Unit : 1635
Serial No. : 10/562,677 Examiner : Unknown
Filed : May 16, 2006
Title : Method For Monitoring Reactions In Real Time

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CORRECTED FILING RECEIPT

Applicants confirm receipt of the corrected filing receipt dated September 30, 2008 in response to our Request to Correct the Filing Receipt filed on February 26, 2008. Applicants note this filing receipt is still incorrect and respectfully request a further corrected filing receipt to rectify the domestic priority. The priority data should read:

This application is a 371 of PCT/CA04/000966 6/29/2004

which claims benefit of 60/483,636 07/01/2003 and 60/558,099 4/01/2004

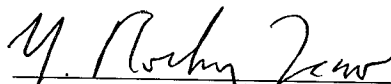
Attached are the executed Declaration and the first page of the published PCT application where both provisional applications are noted. Also, enclosed is a copy of the filing receipt with the hand-written correction.

No fees are believed to be due, however please apply additional charges to Deposit Account No. 50-4189, referencing Attorney Docket No. 77101-005US1.

Respectfully submitted,

Date: _____

11-13-08



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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
10/562,677	05/16/2006	1635	815	77101-005US1	20	6

CONFIRMATION NO. 3072

CORRECTED FILING RECEIPT



69713
OCCHIUTI ROHLICEK & TSAO, LLP
10 FAWCETT STREET
CAMBRIDGE, MA 02138

Date Mailed: 09/30/2008

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Applicant(s)

Yingfu Li, Dundas, CANADA;
Razvan Nutiu, Ontario, CANADA;

Power of Attorney: The patent practitioners associated with Customer Number 26161

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/CA04/00966 06/29/2004
which claims benefit of 60/558,099 04/01/2004

Foreign Applications

60/483,636 07/01/2003 and

If Required, Foreign Filing License Granted: 08/26/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 10/562,677**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

Method for monitoring reactions in real time

Preliminary Class

435

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

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Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

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The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as

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COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled METHOD FOR MONITORING REACTIONS IN REAL TIME, the specification was filed on December 28, 2005 as Application Serial No. 10/562,677 and was amended on December 28, 2005 and was described and claimed in PCT International Application No. PCT/CA2004/000966 filed on June 29, 2004.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States Code, §119(e)(1) of any United States provisional application(s) listed below:

<u>U.S. Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
60/483,636	July 1, 2003	Abandoned
60/558,099	April 1, 2004	Abandoned

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Y. Rocky Tsao, Reg. No. 34,053
Jianming Hao, Reg. No. 54,694
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Direct all telephone calls to Y. ROCKY TSAO at telephone number (617) 542-5070.

Direct all correspondence to the following:

26161
PTO Customer Number

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: YINGFU LI

Inventor's Signature:

Residence Address: Dundas, Ontario, Canada

Citizenship: Canada

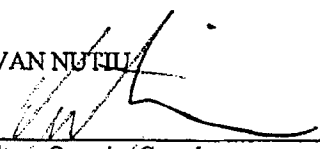
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Date:

April 6, 2006

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(19) World Intellectual Property
Organization
International Bureau



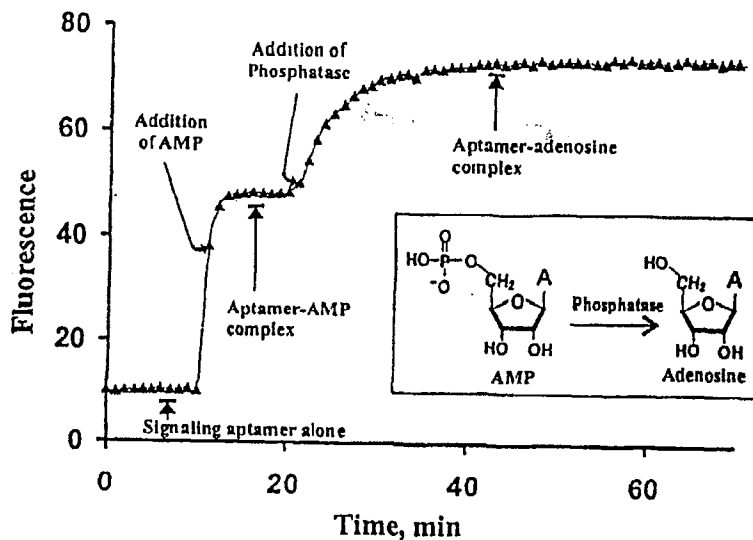
(43) International Publication Date
13 January 2005 (13.01.2005)

PCT

(10) International Publication Number
WO 2005/003377 A3

- (51) International Patent Classification⁷: C12Q 1/34, 1/42, 1/48, 1/44
- (21) International Application Number: PCT/CA2004/000966
- (22) International Filing Date: 29 June 2004 (29.06.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/483,636 1 July 2003 (01.07.2003) US
60/558,099 1 April 2004 (01.04.2004) US
- (71) Applicant (for all designated States except US): MC-MASTER UNIVERSITY [CA/CA]; Office Of Research Contracts & Intellectual Property, 280 Main Street West, Hamilton, Ontario L8S 4L8 (CA).
- (72) Inventors; and
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- (74) Agent: MCGUINNESS, Ursula; Gowling Lafleur Henderson LLP, Suite 560-120 King Street West, P.O. Box 1045, LCD 1, Hamilton, Ontario L8N 3R4 (CA).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- (88) Date of publication of the international search report:
14 April 2005
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR MONITORING REACTIONS IN REAL TIME



(57) Abstract: Methods for monitoring chemical reactions in real time are provided. The methods involve the use of a signaling aptamer that has a different affinity for the substrate and the product of the chemical reaction. The conversion from substrate to product is detected as a change in signal, in particular a change in fluorescent signal. The methods of the present invention are also useful to measure enzyme activity and to screen for enzyme inhibitors.